

Venkata R Vakacharla

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

111
citations

1684188

5
h-index

1720034

7
g-index

13
all docs

13
docs citations

13
times ranked

102
citing authors

#	ARTICLE	IF	CITATIONS
1	Fixed-Frequency Current-Fed LCL Series Resonant Soft-Switching Converter With Capacitive Doubler. IEEE Transactions on Industry Applications, 2021, 57, 6611-6621.	4.9	2
2	A Simple Technique for Fundamental Harmonic Approximation Analysis in Parallel and Series-Parallel Resonant Converters. IEEE Transactions on Industrial Electronics, 2020, 67, 9963-9968.	7.9	12
3	State-of-the-art power electronics systems for solar-to-grid integration. Solar Energy, 2020, 210, 128-148.	6.1	23
4	Mixed Domain Model to Mimic Current-fed LCC-T Resonant Converter. , 2020, , .		0
5	Small Signal Analysis and Control of Snubberless Naturally-Clamped Soft-Switching Current-Fed Push-Pull DC/DC Converter. IEEE Transactions on Industry Applications, 2020, , 1-1.	4.9	7
6	Analysis and Design of Current-fed LCL Series Resonant Converter with Capacitive Doubler. , 2020, , .		2
7	Current-Fed Isolated LCC-T Resonant Converter With ZCS and Improved Transformer Utilization. IEEE Transactions on Industrial Electronics, 2019, 66, 2735-2745.	7.9	21
8	Performance Evaluation of LLC-SRC and LCC-T Resonant Tanks in Low-Voltage High-Current applications. , 2019, , .		5
9	Analysis and Design of Current-Fed Three-Phase-Isolated LCC-T Resonant Converter for Low-Voltage High-Current Applications. IEEE Transactions on Industry Applications, 2019, 55, 6527-6537.	4.9	5
10	Small Signal Analysis and Closed-Loop Design of Constant Frequency Operated Snubberless Naturally-Clamped Soft-Switching Current-Fed Push-Pull DC/DC Converter. , 2019, , .		4
11	Isolated Soft Switching Current Fed LCC-T Resonant DC-DC Converter for PV/Fuel Cell Applications. IEEE Transactions on Industrial Electronics, 2019, 66, 6947-6958.	7.9	27
12	Analysis and Design of Soft Switched 3-phase Isolated Current-fed DC-DC Converter using LCC-T Resonance. , 2018, , .		1
13	Modeling and Experimental Verification of LCC-T Resonant Converter. , 2018, , .		2